## (19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 12 February 2004 (12.02.2004)

(10) International Publication Number WO 2004/012502 A1

(51) International Patent Classification<sup>7</sup>: 63/00, 63/04

A01K 61/00,

(21) International Application Number:

PCT/GB2003/003373

(22) International Filing Date: 31 July 2003 (31.07.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 0218024.8

2 August 2002 (02.08.2002)

- (71) Applicant (for all designated States except US): VIKING FISH FARMS LIMITED [GB/GB]; Carlton House, Old Great North Road, Carlton-on-Trent, Newark, Nottinghamshire NG23 6NL (GB).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): MACLEOD, Colin, John [GB/GB]; Carlton House, Old Great North Road, Carlton-on-Trent, Newark, Nottinghamshire NG23 6NL

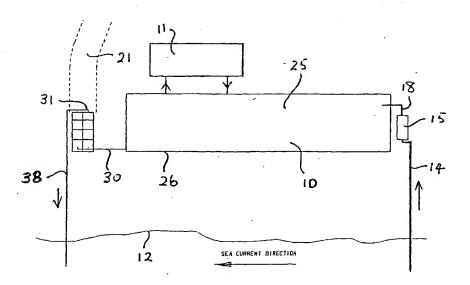
- (74) Agents: HARRISON, Ivor, Stanley et al.; Withers & Rogers, Goldings House, 2 Hays Lane, London SE1 2HW (GB).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

[Continued on next page]

(54) Title: A SYSTEM FOR REARING FISH



(57) Abstract: An onshore fish farming system comprises a holding tank, means for intake of sea-water to the holding tank and means for discharge of water from the holding tank to generate a flow of water through the tank, in which the discharge means comprises means for collection of waste material from the bottom of the tank and removing said waste material entrained in the discharge water. The holding tank is disposed with its major or longitudinal axis essentially parallel with the local shoreline, the intake water being abstracted relatively upstream and the discharge water being returned relatively downstream with respect to the or any ambient current along the shore.